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REMARKS**Introductory Comments:**

Claims 1-17 are pending in the application. Claims 9-10 are allowed. The Applicant respectfully requests reconsideration of claims 1-8 and 11-17.

In Response To The Claim Objections:

Claim 1 is objected to because the Office Action alleged the following informalities: line 9, --first-- should be inserted before "scatter." Claim 11 is objected to because the Office Action alleged the following informalities: lines 9 and 10, --first-- should be inserted before "scatter." Applicant has amended claims 1 and 11 in accordance with the suggestions made by the Examiner in the Office Action. No new matter has been added.

In Response To The Claim Rejections:

Claims 1-3 and 8-13 are rejected under 35 U.S.C. §102(b) as being anticipated by *Klingenbeck* (US Patent 5,025,463). According to the Office Action, claims 9 and 10 are allowed. Therefore claims 1-3, 8, and 11-13 will be discussed regarding the rejection under 35 U.S.C. §102(b) over *Klingenbeck*. Claims 1-8 and 11-17 are further rejected under 35 U.S.C. §102(b) as being anticipated by *Saito et al.* (US Patent 5,025,463).

As mentioned, claims 1-3 and 8, and 11-13 are rejected under 35 U.S.C. §102(b) as being anticipated by *Klingenbeck* (US Patent 5,025,463). According to the Office Action, *Klingenbeck* discloses the elements of claims 1, 2, and 11 including: a computed tomography system comprising: a gantry, an x-ray source coupled to the gantry generating x-ray flux, a CT detector coupled to the gantry generating a detector

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signal in response to the x-ray flux, a first scatter detector coupled to the gantry generating a scatter signal in response to the x-ray flux, and a host computer receiving the detector signal and the scatter signal.

Also according to the Office Action, the "adapted to" language of claims 1 and 11 fails to recite positively a limitation for the mentioned claims and therefore has not been given any patentable weight. Applicant therefore amends claims 1 and 11 to remove the "adapted to" language and to recite affirmatively the limitations including: "a host computer receiving said detector signal and said scatter signal and generating an image from said first scatter signal," which the *Klingenbeck* reference neither discloses nor suggests. Claims 2, 3, and 8 depend from claim 1 and are believed to be novel for at least the same reason. Claims 12-13 depend from claim 11 and are also believed to be novel for at least the same reason.

The Applicant therefore submits that claims 1-3, 8, and 11-13 are novel and nonobvious because the claims and the prior art are substantially different.

Claims 1-8 and 11-17 are rejected under 35 U.S.C. §102(b) as being anticipated by *Saito et al.* (US Patent 5,025,463). According to the Office Action, *Saito* discloses the elements of claims 1, 2, and 11 including: a computed tomography system comprising: a gantry, an x-ray source coupled to the gantry generating x-ray flux, a CT detector coupled to the gantry generating a detector signal in response to the x-ray flux, a first scatter detector coupled to the gantry generating a scatter signal in response to the x-ray flux, and a host computer receiving the detector signal and the scatter signal. Further according to the Office Action, *Saito* discloses the positioning

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of the first scatter detector and the second scatter detector as in claims 3-7 and 13-17, and the extended x-ray source of claims 8 and 12.

As was previously mentioned, claims 1 and 11 have been amended to include the limitation that the computer generates an image from the scatter signals. *Saito* is directed to detecting scatter to determine if a detector is defective and not to generating images from the scatter signals, as is claimed by the Applicant.

Applicant respectfully submits that claims 1 and 11 are novel and non-obvious because the claims and the prior art differ. For at least the same reasons, claims 2-8 depending from claim 1, and claims 12-17 depending from claim 11 are also believed to be allowable.

In view of the aforementioned remarks, it is respectfully submitted that all pending claims are in a condition for allowance. A notice of allowability is therefore respectfully solicited. Please charge any fees required in the filing of this amendment to Deposit Account 50-0476.

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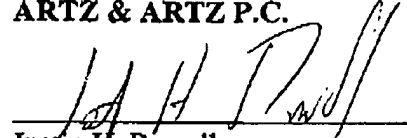
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The Examiner is invited to contact the undersigned at (248) 223-9500 if any unresolved matters remain.

Respectfully Submitted,

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